

Certificate of Analysis for NR-36668

Streptococcus agalactiae, Strain MRI Z1-200

Catalog No. NR-36668

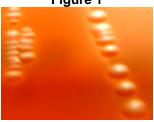
Product Description: Streptococcus agalactiae (S. agalactiae), strain MRI Z1-200 was isolated on December 10, 2002 from a gray seal (Halichoerus grypus) in Scotland.

Lot¹: 62311946 Manufacturing Date: 17JAN2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology ²	Report results	Circular, low convex, entire, smooth and gray (Figure 1)
Hemolysis on blood agar ²	Report results	β-hemolytic
Motility (wet mount)	Report results	Non-motile
Biochemical tests:	·	
Analytical profile index (API® 20 STREP)	Consistent with S. agalactiae	Consistent with S. agalactiae ³
Catalase	Negative	Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	Consistent with S. agalactiae	Consistent with S. agalactiae
Purity (post-freeze) ⁴	Growth consistent with S. agalactiae	Growth consistent with S. agalactiae
Viability (post-freeze) ²	Growth	Growth

¹S. agalactiae, strain MRI Z1-200 was deposited by Geoffrey Foster, Ph.D., Veterinary Services, Scottish Agricultural College, Inverness, Scotland, United Kingdom. NR-36668 was produced by inoculation of the deposited material into Todd-Hewitt broth and incubated for 20 hours at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Tryptic Soy agar with 5% sheep defibrinated blood kolles which were grown 24 hours at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

Figure '



Date: 08 APR 2015

Signature:

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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²21 hours at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood

³bioMérieux recommends additional serological tests to confirm the results obtained using API[®] 20 STREP.

⁴Purity of this lot was assessed in an aerobic atmosphere with 5% CO₂ for 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood.